

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as shown on the sheet appended hereto.

REMARKS

Submitted herewith via EFS-Web, in full compliance with 37 C.F.R. §§1.821-1.825, is a Substitute Sequence Listing (text file - 20100525_3rdrevised_seq.lst.txt) to be inserted into the specification as indicated above. No new matter is introduced into the application by the Substitute Sequence Listing. No paper copy is provided as the CRF is submitted via EFS-Web.

The specification is amended by submission of a Substitute Specification. Both a "track changes" and a clean version of the Substitute Specification are provided to facilitate review by the Examiner. The Substitute Specification includes amendments that insert appropriate sequence identifier numbers and update previously stated sequence listing identifiers in view of the Substitute Sequence Listing filed herewith. The Substitute Specification also includes amendments to correct a number of minor typographical errors identified by Applicants' Representative during review of the specification in preparation of this response. Finally, the Sequence Listing is amended to identify the present application by filing date and serial number and to correct matters of form. In addition, the sequences of SEQ ID NOS: 2, 3 and 4 have been added to the Sequence Listing. The sequences of SEQ ID NOS: 2, 3 and 4 are disclosed in the specification as indicated by the amendments made in the Substitute Specification. No new matter is introduced by any of these amendments.

Applicants believe the application is now in condition for substantive examination. Favorable action on the merits of the claims is respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Mark J. Nuell, Ph.D., Reg. No. 36,623, at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any